|   |   |              |                |               |          |            |  |                       |                                |         |          | 10/694,493     |             |          |          |          |            |          |                 |          | BRAUN ET AL.      |       |    |   |  |  |
|---|---|--------------|----------------|---------------|----------|------------|--|-----------------------|--------------------------------|---------|----------|----------------|-------------|----------|----------|----------|------------|----------|-----------------|----------|-------------------|-------|----|---|--|--|
|   |   |              |                |               |          |            |  |                       | Examiner                       |         |          |                |             |          |          |          |            | Art Unit |                 |          |                   |       |    |   |  |  |
| · | 1 16 1/10 1/10 1/10 1/10 1/10 1/10 1/10 |              |                |               |          |            |  |                       |                                |         |          | Quana Grainger |             |          |          |          |            |          |                 | 2852     |                   |       |    |   |  |  |
|   |   | √ Rejected ( |                |               |          |            |  | (Thro                 | (Through numeral)<br>Cancelled |         |          |                | Non-Elected |          |          |          |            | Α        | Appeal          |          |                   |       |    |   |  |  |
|   |   | = Allowed    |                |               |          | ÷          | ÷ Restricted                                     |                       |                                |         |          | I Interference |             |          | nce      |          | 0          | Objected |                 |          |                   |       |    |   |  |  |
|   | Claim Date                              |              |                | Claim         |          |            |  | Date                  | Э                              |         |          |                | Claim       |          | Date     |          | te         |          |                 |          |                   |       |    |   |  |  |
|   |   | 8            |                |               |          |            |  | 1 -                   | ब्र                            |         |          |                |             |          |          |          | <u>a</u>   | П        |                 |          |                   |       |    |   |  |  |
|   | Final                                   | 8<br>25<br>4 |                |               |          |            |  | Final                 | Original                       |         |          |                |             |          |          | Final    | Original   |          |                 |          |                   |       |    |   |  |  |
|   | 1,                                      | N            |                |               |          |            |  |                       | 51                             |         |          |                |             |          |          |          | 101        | П        |                 |          |                   |       |    |   |  |  |
|   | 3                                       | H            | $\vdash$       | +             | +        | ╁          | $\vdash$   | ┥ ├                   | 52                             | +       | -        | ╁              |             |          | Н        |          | 102<br>103 | $\vdash$ |                 |          | ╁┼                | +     | -  |   |  |  |
|   | 4                                       |              |                |               |          |            |  |                       | 54                             |         |          |                |             |          |          |          | 104        | П        |                 |          | 口                 |       | 1  |   |  |  |
|   | 5<br>6                                  | 8            | ├┼             | +             |          | ╀          | ╂┷┼  |                       | 55<br>56                       | +       |          | +              |             |          | H        | -        | 105<br>106 | $\vdash$ | $\dashv$        | +-       | ++                |       | -  |   |  |  |
|   | 7                                       | N            |                |               |          | $\vdash$   | $\Box$   |                       | 57                             |         |          | $\vdash$       |             |          |          |          | 107        | $\vdash$ |                 |          | $\Box$            |       | _  |   |  |  |
|   | 8                                       |              |                | $\Box$        |          | L          |  |                       | 58                             |         |          | $\perp$        |             |          |          |          | 108        | Ш        |                 | $\perp$  | П                 | T. I  | ]  |   |  |  |
|   | Q<br>10                                 | 100          | $\vdash$       | ╫             | +        | ╀          | H  | +                     | 59<br>60                       | +       | -        | +              | Н           | +        | Н        | -        | 109<br>110 | $\vdash$ | $\dashv$        | +        | ╁┼                | - - - | ┥, |   |  |  |
|   | 11                                      | $\sqrt{1}$   |                |               |          |            |  |                       | 61                             |         |          |                |             |          |          |          | 111        |          |                 |          |                   |       | ]  |   |  |  |
|   | 12                                      | 1            |                | +             |          | ┼-         | ┢╬   | ┨ ├─                  | 62                             |         | -        | $\vdash$       |             | _        | Н        | $\vdash$ | 112<br>113 | Н        | $\dashv$        | _        | +                 | +     | 4  |   |  |  |
|   | 14                                      |              | $\vdash$       | +             |          | ╁          | H  | $+$ $\vdash$ $\vdash$ | 64                             |         |          | +              |             | +        | $\vdash$ | $\vdash$ | 114        | $\vdash$ |                 | -        | +                 |       | 1  |   |  |  |
|   | 15                                      |              |                |               |          |            |  |                       | 65                             |         |          |                |             |          |          |          | 115        | П        |                 |          |                   |       | ]  |   |  |  |
|   | 16                                      |              | ┝╌┝╴           | +             |          | ┼          | ╁┼   | ┨                     | 66<br>67                       | +       |          | -              | $\vdash$    |          | $\vdash$ | -        | 116<br>117 | Н        | +               | +        | +                 | +     | -  |   |  |  |
|   | 18                                      | П            |                |               |          |            |  |                       | 68                             |         |          |                |             |          |          |          | 118        |          |                 |          |                   |       | 1  |   |  |  |
|   | 19                                      |              |                | $\perp$       |          |            |  |                       | 69                             | -       |          | _              |             |          |          | <u></u>  | 119        | $\sqcup$ | -               |          | $\sqcup$          |       |    |   |  |  |
|   | 20                                      |              | $\vdash$       | +             |          | +          | $\vdash$   | ┧┝─                   | 70<br>71                       | +       |          | $\vdash$       | $\vdash$    | +        | H        | $\vdash$ | 120<br>121 | $\vdash$ | $\dashv$        | +        | +                 | ++    | -  |   |  |  |
|   | 22                                      |              |                |               |          |            |  |                       | 72                             | $\perp$ |          |                |             |          |          |          | 122        |          |                 |          |                   |       | ]  |   |  |  |
|   | 23                                      |              | $\vdash$       | +             |          | -          |  | $+$ $\vdash$          | 73<br>74                       | +       |          | $\vdash$       | $\sqcup$    | +        | Н        | $\vdash$ | 123<br>124 | Н        | $\dashv$        | +        | $\vdash$          | ++    | -  |   |  |  |
|   | 25                                      | - 0          |                |               |          | 1          | -  | 1 -                   | 75                             | +       | -        | +              |             |          | H        | -        | 125        | $\vdash$ |                 | _        | $\dagger \dagger$ |       | 1  | • |  |  |
|   | 26<br>27                                |              |                |               |          |            |  | ] [                   | 76                             | $\Box$  |          |                |             |          |          |          | 126        | П        |                 |          | П                 |       |    |   |  |  |
|   | 28                                      | F            |                | +             |          | ╁          | $\vdash$   | $\dashv \vdash$       | 77<br>78                       | +       | -        | +              | $\vdash$    | $\dashv$ | H        | -        | 127<br>128 | $\vdash$ | +               | +        | ++                | ++    | -  |   |  |  |
|   | 29                                      |              |                |               |          |            |  |                       | 79                             |         |          |                |             |          |          |          | 129        | П        |                 |          |                   |       |    |   |  |  |
|   | 30                                      |              |                | +             |          |            | <del>                                     </del> | ┨ ├──                 | 80                             | -       | _        |                | Щ           | _        | Н        | $\vdash$ | 130<br>131 | Н        |                 | $\perp$  | $\dashv$          |       | 4  |   |  |  |
|   | 32                                      |              | $\vdash$       | $\forall$     |          | -          |  | ┪┝─                   | 82                             | +       | +        | +              | $\dashv$    | _        | H        | $\vdash$ | 132        | $\vdash$ | $\dashv \dashv$ | $\dashv$ | 1-                | +     | +  |   |  |  |
|   | 33                                      |              |                | П             |          |            |  | ] [                   | 83                             |         |          |                |             |          |          |          | 133        |          |                 |          |                   |       |    |   |  |  |
|   | 34<br>35                                |              | $\vdash$       | +             |          | <u> </u>   | $\vdash$   | $+ \vdash$            | 84<br>85                       | ╂       |          | ┼              | $\dashv$    |          | Н        | -        | 134<br>135 | $\vdash$ | +               | -        | ╁┼                |       | -  |   |  |  |
|   | 36                                      |              |                | $\Box$        |          |            |  |                       | 86                             |         |          |                |             |          |          |          | 136        |          |                 |          |                   |       |    |   |  |  |
|   | 37                                      |              | $\vdash$       | +             | $\perp$  | _          | $\vdash$   | ┨                     | 87<br>88                       |         | -        | <u> </u>       |             | _        |          |          | 137<br>138 |          | $ \parallel$    |          | 1                 |       | ]  |   |  |  |
|   | 39                                      |              | $\vdash$       | +             | $\vdash$ |            | $\vdash$   | ┪┝─                   | 89                             |         |          | $\vdash$       | -           |          | H        | -        | 139        | $\vdash$ | $\dashv$        | +        | ╂┼┼               | ++-   | ┪  |   |  |  |
|   | 40                                      |              |                |               |          |            |  | ]                     | 90                             |         | 工        |                |             |          |          |          | 140        | 口        |                 | $\perp$  | 口                 |       |    |   |  |  |
|   | 41                                      |              | - -            | +             |          | ╁          |  | $+ \vdash$            | 91                             | +       | $\dashv$ | $\vdash$       | Н           | -        | H        |          | 141<br>142 | $\vdash$ | $\dashv$        | +        | $\vdash$          |       | -  |   |  |  |
|   | 43                                      |              |                | $\pm \dagger$ | $\bot$   |            |  | 1 🗁                   | 93                             |         |          | $\Box$         |             |          |          |          | 143        |          |                 | $\pm$    |                   |       | _  |   |  |  |
|   | 44                                      |              |                |               | $\Box$   | lacksquare |  | ] [                   | 94                             | $\Box$  | $\perp$  |                | П           |          |          |          | 144        |          | $\Box$          | $\top$   | $\Box$            |       |    |   |  |  |
|   | 45<br>46                                |              | $\vdash\vdash$ | +             | -        | +          | - -  | $\dashv \vdash$       | 95<br>96                       | +       | +        | Н              | $\dashv$    | +        | H        | -        | 145<br>146 | $\vdash$ |                 | +        | ++                | ++    | -  |   |  |  |
|   | 47                                      |              |                |               |          |            |  |                       | 97                             |         |          |                |             |          |          |          | 147        |          |                 | $\perp$  | $\Box$            |       | 1  |   |  |  |
|   | 48                                      |              |                | +             |          | <u> </u>   |  | <b>┤</b>              | 98<br>99                       | +       | $\bot$   | $\vdash$       |             |          | $\vdash$ |          | 148<br>149 | $\prod$  | $\dashv \dashv$ |          | $\prod$           | +     | 4  |   |  |  |
|   | 50                                      |              |                | ╁┤            |          | $\vdash$   |  | <u> </u>              | 100                            | 士士      | _        | ${}^{\dagger}$ |             |          |          |          | 150        |          |                 | _        |                   |       | _  |   |  |  |
|   |   |              |                |               |          |            |  |                       |                                |         |          |                |             |          |          |          |            |          |                 |          |                   |       |    |   |  |  |

Application No.

Index of Claims

Applicant(s)